

Successful Partnering Epidemiology and Laboratory

CDC – EPHT Conference

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Chemical X

WHY?

- Background Information
- Physical and Chemical Characteristics
- Environmental Fate
- Environmental Sampling
- Regulatory Values
- Routes of Exposure
- Health Effects
- Biological Monitoring

WHO?

Laboratorians

EDUCATION

- Chemistry
- Biochemistry
- Biology
- Environmental Sciences

EXPERIENCE

- Medical Technician
- Environmental Sampling
- Regulatory Compliance
- Quality Assurance

WHEN?

Study Life Cycle

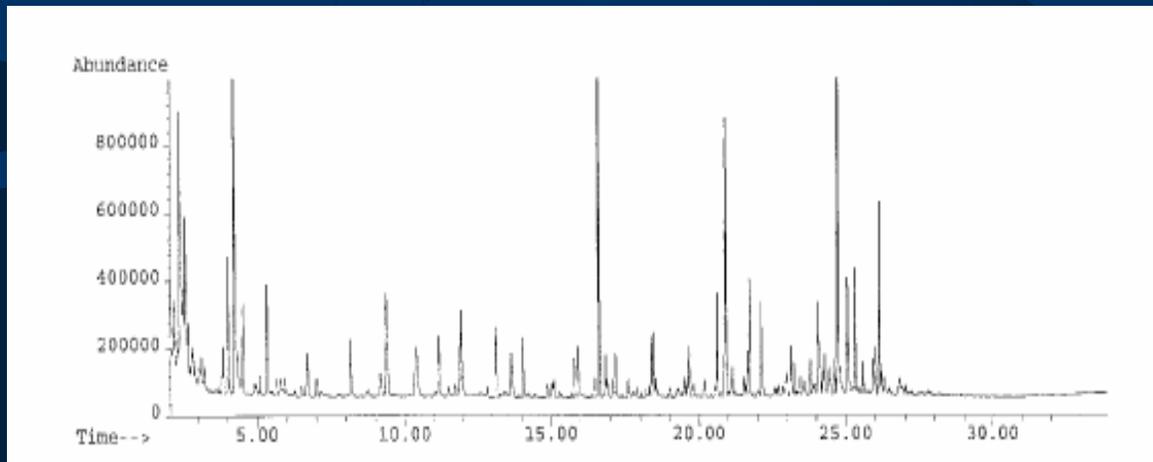
- Study Design
- Study Implementation
- Study Execution
- Study Close-out

WHAT?

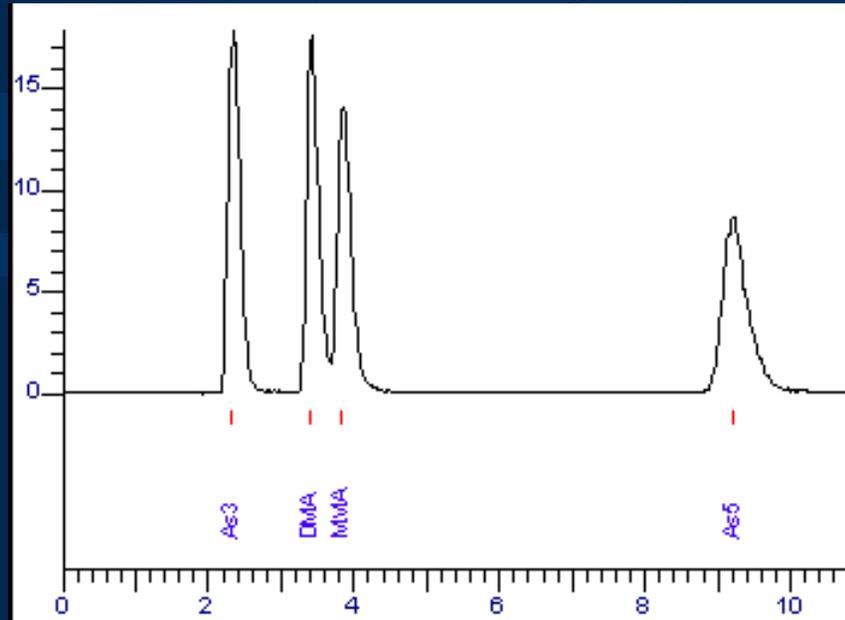
Capabilities

- State of the Art Analytical Techniques
- Sophisticated Instrumentation
- Low, Low, Low Detection Limits

Compounds in Blood

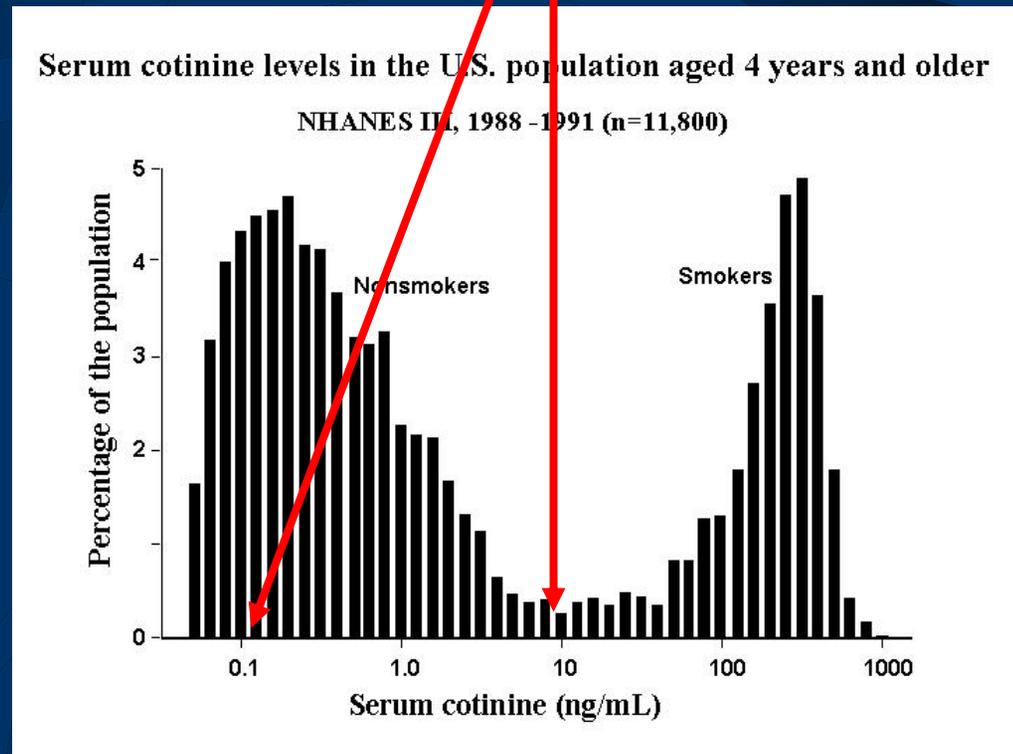


Metals in Urine



Detection Limits

- Parts per Billion/Trillion





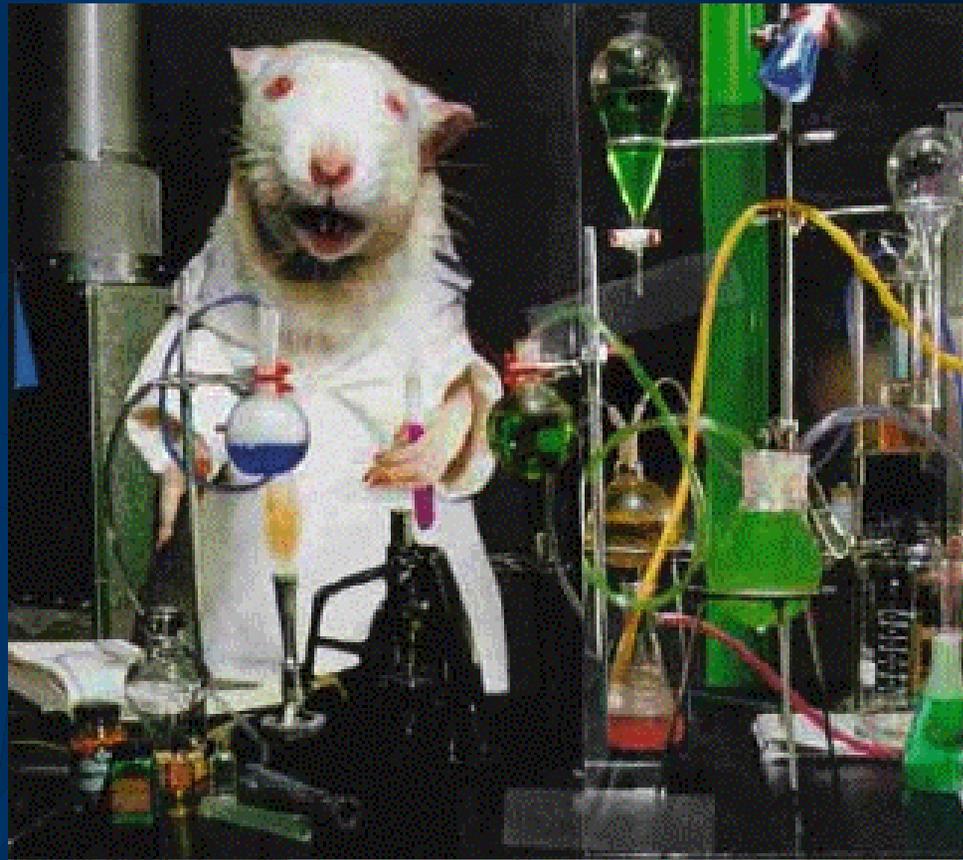
WHERE?

- Public Health Laboratories
 - State
 - County
 - Local
- State Environmental Programs
- State Agricultural Programs
- Universities

HOW?

- Informal Meeting with Laboratory Director
- Follow-up with Specific Managers/Chemists
- Partner in Grant Applications
- Tour Facilities

Beyond Lab Rats....



A Resource